

Appl. No.: 10/700,932
Amdt. dated July 17, 2006
Reply to Office Action of February 16, 2006

Amendments to the Claims:

1. (Currently Amended) A self-adhesive matrix patch, comprising:
an absorbent, self-adhesive matrix having a first side intended for skin or wound contact and a second side opposite the first side; and
an active ingredient applied in an amount of from 5 $\mu\text{g}/\text{cm}^2$ to 10,000 $\mu\text{g}/\text{cm}^2$ in dissolved or liquid form to the first side of the matrix;
wherein the matrix remains adhesive on the first side even after application of the active ingredient.
2. (Currently Amended) The self-adhesive matrix patch as claimed in claim 1, wherein the active ingredient as applied to the matrix is in a solvent, wherein the active ingredient in the matrix is distributed until an equilibrium results, and wherein the active ingredient remains in the matrix after evaporation of ~~any the solvent that is present~~.
3. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the active ingredient is applied by a printing process.
4. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the active ingredient is applied by a contactless spraying process.
5. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix comprises foamed or unfoamed polyurethane.
6. (Currently Amended) The self-adhesive matrix patch as claimed in claim 1, wherein at least one of ~~essential oils, cosmetic skin care additives, pharmaceutically active substances~~ and antiseptics is used as an active ingredient.

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7. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix comprises from 0.1 to 20% by weight of an active ingredient.

8. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix comprises from 2 to 10% by weight of an active ingredient.

9. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein permeation-promoting constituents are added to the matrix in a concentration range from 1.0 to 30% by weight.

10. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein permeation-promoting constituents are added to the matrix in a concentration range from 10 to 25% by weight.

11. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix has a thickness of from 10 to 3 000 μm .

12. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix has a thickness of from 30 to 1 000 μm .

13. (Original) The self-adhesive matrix patch as claimed in claim 1, wherein the matrix comprises dexpanthenol as an active ingredient.

14. (Canceled)

15. (Original) The self-adhesive matrix patch as claimed in claim 13, wherein the dexpanthenol is applied in an amount of from 50 to 1000 μg per cm^2 of matrix.

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16. (Currently Amended) The self-adhesive matrix patch as claimed in claim 1, wherein the active ingredient is dissolved in a solvent and the dissolved active ingredient is applied to the first side of the matrix such that at least a portion of the solvent remains in the matrix.[.]]

17. (Currently Amended) A method of making a self-adhesive matrix patch, comprising the steps of:

providing an absorbent, self-adhesive matrix having a first side intended for skin or wound contact and a second side opposite the first side; and

applying an active ingredient in dissolved or liquid form to the first side of the matrix in an amount of from 5 μg per cm^2 to 10,000 μg per cm^2 ;

wherein the matrix remains adhesive on the first side even after said applying step.

18. (Original) The method as claimed in claim 17, wherein said applying step comprises applying an active ingredient dissolved in a solvent to the first side of the matrix and evaporating the solvent.

19. (Original) The method as claimed in claim 17, wherein said applying step comprises applying an active ingredient dissolved in a solvent to the first side of the matrix and evaporating none or only a portion the solvent such that at least a portion of the solvent remains in the matrix.

20. (Original) The method as claimed in claim 17, wherein the applying step comprises printing the active ingredient onto the first side of the matrix.

21. (Original) The method as claimed in claim 17, wherein the applying step comprises spraying the active ingredient onto the first side of the matrix.

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22. (Original) The method as claimed in claim 17, further comprising the step of producing the matrix from foamed or unfoamed polyurethane.

23. (Original) The method as claimed in claim 17, further comprising the step of adding permeation-promoting constituents to the matrix.

24. (Original) The method as claimed in claim 17, wherein said applying step comprises applying the active ingredient in an amount to produce 2 to 10% by weight of an active ingredient in the matrix.

25. (Original) The method as claimed in claim 17, wherein said applying step comprises applying dexpanthenol as an active ingredient.

26. (New) The self-adhesive matrix patch as claimed in claim 1, wherein the active ingredient includes at least one pharmaceutically active substance.